## **EAST Search History**

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	1	"6169024".pn.	USPAT	OR	OFF	2006/05/10 11:35
S2	25	("3705060"   "4016050"   "4960732"   "4996584"   "5008216"   "5063169"   "5127986"   "5130229"   "5151168"   "5158910"   "5169680"   "5275973"   "5316974"   "5354712"   "5371041"   "5436504"   "5500559"   "5527739"   "5595937"   "5674787"   "5695810"   "5714418"   "5744376"   "5770517"   "5770519").PN.	USPAT	OR	OFF	2002/04/20 18:35
S3	54	(257/6\$.ccls. or 257/7\$.ccls.) and seed and barrier and damascene	USPAT	OR	OFF	2002/04/20 19:33
S4	26	("2842438"   "3954570"   "4386116"   "4788082"   "4931410"   "4962058"   "5100499"   "5158986"   "5173442"   "5240878"   "5256205"   "5334356"   "5470789"   "5470801"   "5506449"   "5635253"   "5659193"   "5674787"   "5679608"   "5681441"   "5695810"   "5717236"   "5785570"   "5913147"   "5982040"   "6107657").PN.	USPAT	OR	OFF	2002/04/20 18:48
S5	13	("4691435"   "5221449"   "5284801"   "5312773"   "5316974"   "5529953"   "5547901"   "5585673"   "5585674"   "5824599"   "5904565"   "5976972"   "6037664").PN.	USPAT	OR	OFF	2002/04/20 19:01
S6	276	("438"/\$.ccls.) and seed and barrier and damascene	USPAT	OR	OFF	2002/04/20 19:09
S7	18	("5595937"   "5686354"   "5714418"   "5739579"   "5741626"   "5744376"   "5817572"   "5821168"   "5824599"   "5863707"   "5880018"   "5891513"   "5900672"   "5904565"   "5916011"   "5939788"   "5968333"   "5969422").PN.	USPAT	OR	OFF	2002/04/20 19:28
S8		(257/6\$.ccls. or 257/7\$.ccls.) and seed and barrier and damascene	US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2002/08/19 19:17
S9	7	"257"/\$.ccls. and seed and barrier and damascene not (257/6\$.ccls. or 257/7\$.ccls.)	USPAT	OR	OFF	2002/04/20 19:39
S10	416	257/762.ccls.	USPAT	OR	OFF	2002/04/20 19:40

## **EAST Search History**

C11	1054	257/759 cale	USPAT	OR	OFF	2002/04/20 10:40
S11	1054	257/758.ccls.				2002/04/20 19:40
S12	679	257/763.ccls.	USPAT	OR	OFF	2002/04/20 19:41
S13	32	(257/6\$.ccls. or 257/7\$.ccls.) and seed and (barrier with (Titanium or Tungsten or Ti or W)) and damascene	US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2002/08/19 19:23
S14	52	(257/6\$.ccls. or 257/7\$.ccls.) and seed and (barrier with (Titanium or Tungsten or Ti or W)) and damascene	USPAT	OR	OFF	2002/08/19 19:25
S15	62	"257"/\$.ccls. and copper with organic with etch\$3 and @ad<"20000928"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2003/04/03 08:45
S16	2	"6268262".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2003/04/03 07:56
S17	48	"438"/\$.ccls. and copper with organic with etch\$3 and @ad<"20000928"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2003/04/03 10:15
S18	302	copper with organic with etch\$3 and @ad<"20000928" not ("257"/\$.ccls. or "438"/\$.ccls.)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2003/04/03 11:37
S19	2	"6362089".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2003/04/03 11:37
S20	523	damascene and ((cu copper) near2 seed) and ((SiN Tin ("'Si.sub.3'" adj "'N.sub.4'") (silicon adj nitride) (Titanium adj Nitride)) near2 barrier)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/05/10 11:38
S21	17	("20020086517"   "20020093057"   "20020094673"   "20020098673"   "20020111013"   "5985762"   "6040243"   "6066557"   "6150723"   "6180518"   "6329290"   "6350688"   "6380084"   "6391785"   "6395642"   "6417094"   "6436825").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/05/10 12:24

## **EAST Search History**

S22	2	("6277249").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/10 12:29
S23	2	("6251242").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR .	OFF	2006/05/10 12:29

